AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1-23. (Cancelled)
- 24. (Original) A method of controlling the migration of particulates in a subterranean formation comprising the steps of:

isolating a zone in a subterranean formation;

providing a resin composition comprising a resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a degradable material;

placing the resin composition in at least a portion of the zone; and,

allowing the resin to substantially cure and the degradable material to substantially degrade so as to form a permeable, hardened resin mass.

- 25. (Original) The method of claim 24 wherein the resin comprises an epoxy resin, a furan resin, a phenolic resin, a furan/furfuryl alcohol resin, a phenolic/latex resin, a phenol formaldehyde resin, a polyester resin; a hybrid polyester resin; a copolymers polyester resin; a polyurethane resin; a hybrid polyurethane resin; a copolymers polyurethane resin, an acrylate reins, or a combination thereof.
- 26. (Original) The method of claim 24 wherein the hardening agent comprises an amine, an aromatic amine, a polyamine, an aliphatic amine, a cyclo-aliphatic amine, an amide, a polyamide, 2-ethyl-4-methyl imidazole, 1,1,3-trichlorotrifluoroacetone, or a combination thereof.
- 27. (Original) The method of claim 24 wherein the hardening agent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.
- 28. (Original) The method of claim 24 wherein the hydrocarbon diluent comprises one or more aromatic hydrocarbons.
- 29. (Original) The method of claim 24 wherein the hydrocarbon diluent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.
- 30. (Original) The method of claim 24 wherein the silane coupling agent comprises N-2-(aminoethyl)-3-aminopropyltrimethoxysilane, 3-glycidoxypropyltrimethoxysilane, n-beta-(aminoethyl)-gamma-aminopropyl trimethoxysilane, or a combination thereof.

- 31. (Original) The method of claim 24 wherein the silane coupling agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.
- 32. (Original) The method of claim 24 wherein the foaming agent comprises a fluorinated alkyl alkoxylate, a fluorinated alkyl ester, a fluorinated aliphatic polymeric ester, or a combination thereof.
- 33. (Original) The method of claim 24 wherein the foaming agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.
- 34. (Original) The method of claim 24 wherein the compressible gas comprises air, nitrogen, or a combination thereof.
- 35. (Original) The method of claim 24 wherein the compressible gas comprises from about 6 to about 12 pounds per gallon of the resin composition by weight of the sum of all the other components in the resin composition.
- 36. (Original) The method of claim 24 wherein the degradable material comprises a degradable polymer, a dehydrated salt, a material that degrades when subjected to the subterranean formation temperature, or a combination thereof.
- 37. (Original) The method of claim 24 wherein the degradable material comprises from about 1% to about 60% of the resin composition by weight of the resin therein.
 - 38. (Original) The method of claim 24 further comprising a filler material.
- 39. (Original) The method of claim 38 wherein the filler material comprises sand, nut hulls, bauxite, ceramics, polymeric materials, fly ash, bottom ash, or a combination thereof.
- 40. (Original) The method of claim 38 wherein the filler comprises from about 1% to about 60% of the resin composition by weight of the resin therein.
- 41. (Original) A method of at least partially maintaining the integrity of a subterranean fracture comprising the steps of:

providing a resin composition comprising resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a degradable material;

placing the resin composition into at least one fracture in a subterranean formation; and,

allowing the resin to substantially cure and the degradable material to substantially degrade so as to form a permeable, hardened resin mass.

- 42. (Original) The method of claim 41 wherein the resin comprises an epoxy resin, a furan resin, a phenolic resin, a furan/furfuryl alcohol resin, a phenolic/latex resin, a phenol formaldehyde resin, a polyester resin; a hybrid polyester resin; a copolymers polyester resin; a polyurethane resin; a hybrid polyurethane resin; a copolymers polyurethane resin, an acrylate reins, or a combination thereof.
- 43. (Original) The method of claim 41 wherein the hardening agent comprises an amine, an aromatic amine, a polyamine, an aliphatic amine, a cyclo-aliphatic amine, an amide, a polyamide, 2-ethyl-4-methyl imidazole, 1,1,3-trichlorotrifluoroacetone, or a combination thereof.
- 44. (Original) The method of claim 41 wherein the hardening agent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.
- 45. (Original) The method of claim 41 wherein the hydrocarbon diluent comprises one or more aromatic hydrocarbons.
- 46. (Original) The method of claim 41 wherein the hydrocarbon diluent comprises from about 40% to about 60% of the resin composition by weight of the resin therein.
- 47. (Original) The method of claim 41 wherein the silane coupling agent comprises N-2-(aminoethyl)-3-aminopropyltrimethoxysilane, 3-glycidoxypropyltrimethoxysilane, n-beta-(aminoethyl)-gamma-aminopropyl trimethoxysilane, or a combination thereof.
- 48. (Original) The method of claim 41 wherein the silane coupling agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.
- 49. (Original) The method of claim 41 wherein the foaming agent comprises a fluorinated alkyl alkoxylate, a fluorinated alkyl ester, a fluorinated aliphatic polymeric ester, or a combination thereof.
- 50. (Original) The method of claim 41 wherein the foaming agent comprises from about 0.01% to about 5% of the resin composition by weight of the resin therein.
- 51. (Original) The method of claim 41 wherein the compressible gas comprises air, nitrogen, or a combination thereof.
- 52. (Original) The method of claim 41 wherein the compressible gas comprises from about 6 to about 12 pounds per gallon of the resin composition by weight of the sum of all the other components in the resin composition.

- 53. (Original) The method of claim 41 wherein the degradable material comprises a degradable polymer, a dehydrated salt, a material that degrades when subjected to the subterranean formation temperature, or a combination thereof.
- 54. (Original) The method of claim 41 wherein the degradable material comprises from about 1% to about 60% of the resin composition by weight of the resin therein.
 - 55. (Original) The method of claim 41 further comprising a filler material.
- 56. (Original) The method of claim 55 wherein the filler material comprises sand, nut hulls, bauxite, ceramics, polymeric materials, fly ash, bottom ash, or a combination thereof.
- 57. (Original) The method of claim 55 wherein the filler comprises from about 1% to about 60% of the resin composition by weight of the resin therein.

58-80. (Cancelled)